## ABSTRACT OF THE DISCLOSURE

An electrical connector, having a flexible substrate and a plurality of contact pads arranged in a regular configuration on a first surface of the substrate. A plurality of electrical traces on the flexible substrate, each in electrical contact with a respective one of the plurality of contact pads is also provided, and a plurality of apertures penetrating through the flexible substrate and arranged in a regular configuration and interlaced into the plurality of contact pads is provided.

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